

ADMINISTRATIVE RECORD INDEX

for the

KALAMA SPECIALTY NPL Site

1.0 PRE-REMEDIAL

Vol. 1

1.8 Preliminary Assessment Documents

- 0001-1. "Potential Hazardous Waste Site - Preliminary Assessment," Hartsill Truesdale, South Carolina Department of Health and Environmental Control (April 1, 1980).

1.9 Site Inspection Documents

- 0007-1. "Potential Hazardous Waste Site - Site Inspection Report," Ron Joyner, EPA Region IV (February 10, 1981).

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence

- 0020-1. Letter from Alan Trim and Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Giezelle Bennett, EPA Region IV (December 11, 1987). Information package requested during meeting held December 3, 1987, including groundwater monitoring and soil sampling data, and response to comments of South Carolina Department of Health and Environmental Control to 1984 PBS&J Preliminary Engineering Reports.
- 0217-2. Letter from Steven Sandler, EPA Region IV, to L.C. Macomber, Kalama Specialty Chemical, Inc. (April 11, 1991). Concerning security breaches at the Kalama Specialty Chemicals, Inc. Study Area that require correction.
- 0220-3. Letter from Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (April 17, 1991). Concerning actions to secure the Kalama Specialty Chemicals, Inc. Study Area.
- 0223-4. Letter from Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (April 19, 1991). Response to letter from EPA Region IV to L.C. Macomber, dated April 11, 1991.

3.0 REMEDIAL INVESTIGATION (RI)

3.1 Correspondence (cont'd.)

0226- 5. Letter from L.C. Macomber, Kalama Specialty Chemicals Inc., to Steven Sandler, EPA Region IV (July 10, 1991). Concerning progress on technical meetings held July 2 and 3, 1991.

0228- 6. Letter from L.C. Macomber, Kalama Chemical Inc., to Steven Sandler, EPA Region IV (July 30, 1991). Concerning progress on technical work.

3.2 Sampling and Analysis Data

1. Verified Sampling Data, Chain of Custody Forms and Quality Assurance and Quality Control Documents related to Verified Sampling Data are currently located at EPA Region IV Environmental Services Division, Athens, Georgia. Such documentation will be made available for review upon request sent to the Remedial Project Manager for the Kalama Specialty Chemical Superfund Site, Region IV, U.S. EPA, 345 Courtland Street, Atlanta, Georgia 30365.

0233- 2. "Preliminary Engineering Report on the Soil Investigation at Kalama Specialty Chemicals, Inc., Site; Beaufort, South Carolina," Post, Buckley, Schuh & Jernigan, Inc. (March 1984).

VOL. 2 0312- 3. "Preliminary Engineering Report on Groundwater Studies; Kalama Specialty Chemicals, Inc., Site; Beaufort, South Carolina," Post, Buckley, Schuh & Jernigan, Inc. (September 1984).

0500- 4. Letter from Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Andy Yasinsac, South Carolina Department of Health and Environmental Control (September 27, 1984). Transmitting corrected figure for Preliminary Engineering Report on Groundwater Studies dated September 1984.

0503- 5. "Addendum Number 1; Preliminary Engineering Report on Groundwater Studies; Kalama Specialty Chemicals, Inc., Site; Beaufort, South Carolina," Post, Buckley, Schuh & Jernigan, Inc. (December 1984).

3.2 Sampling and Analysis Data (cont'd.)

- 0524-6. Letter from Andy Yasinsac, South Carolina Department of Health and Environmental Control, to Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc. (October 2, 1985). Concerning comments to April 1984 soil investigations report, September 1984 groundwater report, and December 1984 groundwater report addendum.
- 0532-7. Letter from Francis Lesesne and Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Andy Yasinsac, South Carolina Department of Health and Environmental Control (August 1, 1986). Transmitting summary of analytical data on groundwater quality, request for extension for the Feasibility Study and request to remove the site from the National Priorities List (NPL).
8. Cross-Reference: Letter from Alan Trim and Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Giezelle Bennett, EPA Region IV (December 11, 1987). Information package requested during meeting held December 3, 1987, including groundwater monitoring and soil sampling data, and response to comments of South Carolina Department of Health and Environmental Control to 1984 PBS&J Preliminary Engineering Reports. [Filed and cited as entry number 1 in 3.1 REMEDIAL INVESTIGATION (RI) - Correspondence]

3.4 Work Plans and Progress Reports

- 0547-1. "Work Plan; Kalama Specialty Chemicals, Inc. Site; Beaufort, South Carolina; Remedial Investigation and Feasibility Study; Volume I," Post, Buckley, Schuh & Jernigan, Inc. (November 1988).
- VOL. 3 0673-2. "Work Plan Appendices; Kalama Specialty Chemicals, Inc. Site; Beaufort, South Carolina; Remedial Investigation and Feasibility Study; Volume II," Post, Buckley, Schuh & Jernigan, Inc. (November 1988).
- 0906-3. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (August 8, 1989). Transmitting Progress Report No. 1.
- 0911-4. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (September 8, 1989). Transmitting Progress Report No. 2.

3.4 Work Plans and Progress Reports (cont'd.)

- 0915- 5. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (October 6, 1989). Transmitting Progress Report No. 3.
- 0918- 6. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (November 8, 1989). Transmitting Progress Report No. 4.
- 0928- 7. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (December 8, 1989). Transmitting Progress Report No. 5.
- 0931- 8. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (January 9, 1990). Transmitting Progress Report No. 6.
- 0935- 9. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (February 7, 1990). Transmitting Progress Report No. 7.
- 0938-10. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (March 8, 1990). Transmitting Progress Report No. 8.
- 0941- 11. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (April 8, 1990). Transmitting Progress Report No. 9.
- 0944- 12. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (May 9, 1990). Transmitting Progress Report No. 10.
- 0947- 13. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (June 4, 1990). Transmitting Progress Report No. 11.
- 0950-14. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (July 9, 1990). Transmitting Progress Report No. 12.

3.4 Work Plans and Progress Reports (cont'd.)

15. Cross-Reference: Letter from Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (August 28, 1991). Response to comments of EPA Region IV to the draft Remedial Investigation (RI) Report dated December 1990. Attached is a draft Supplemental Work Plan dated August 1991. [Filed and cited as entry number 3 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
- 0955-16. Letter from Steven Sandler, EPA Region IV, to Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc. (September 19, 1991). Providing comments on the draft Supplemental Work Plan dated August 1991.
- 0963-17. Letter from A. Michel Pelletier, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (October 2, 1991). Providing response to comments on draft and transmitting attached Revised Supplemental Work Plan dated September 1991.
- 0999-18. Letter from Steven Sandler, EPA Region IV, to Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc. (October 4, 1991). Providing comments to revised Supplemental Work Plan dated September 1991.
- 1003-19. Electronic Mail Message from Steven Sandler, EPA Region IV, to Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc. (October 7, 1991). Concerning need for surficial soil sampling at each hydrocone location.
- 1007-20. Letter from John Moebes, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (October 15, 1991). Response to letter from EPA Region IV dated October 4, 1991.
- 1012-21. Letter from John Moebes, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (October 16, 1991). Written confirmation of surficial soil sampling to be conducted.
- 1015-22. Letter from Steven Sandler, EPA Region IV, to Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc. (October 29, 1991). Providing conditional approval for the Revised Supplemental Work Plan dated September 1991.

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3.8 Interim Deliverables

- 1025-1. Letter from Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (February 28, 1989). Submitting Project Operations Plan (POP).

3.8 Interim Deliverables (cont'd.)

- 1180-2. "Quality Assurance Project Plan; Kalama Specialty Chemicals, Inc. Site; Beaufort, South Carolina; Remedial Investigation," Post, Buckley, Schuh & Jernigan, Inc. (March 1989).
- 1260-3. Letter from Virginia Clark and Alan Trim, Post, Buckley, Schuh & Jernigan, Inc., to Michael Townsend, EPA Region IV (June 5, 1989). Concerning modifications to the Project Operations Plan (POP) and Quality Assurance Project Plan (QAPP).
- 1263-4. Letter from Michael Townsend, EPA Region IV, to Jarl Opgrande, Kalama Chemical, Inc. (June 24, 1989). Providing EPA approval of Project Operations Plan (POP) and Quality Assurance Project Plan (QAPP) and requesting updated Project Schedule.

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3.10 Remedial Investigation (RI) Reports

- 1272-1. Letter from Craig Zeller, EPA Region IV, to Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc. (October 29, 1990). Providing comments of EPA Region IV to the draft Remedial Investigation (RI) Report and draft Endangerment Assessment (EA) Report dated October 1990.
- 1291-2. Letter from Steven Sandler, EPA Region IV, to L.C. Macomber, Kalama Chemical, Inc. (May 15, 1991). Transmitting comments from EPA Region IV and South Carolina Department of Health and Environmental Control to the draft Remedial Investigation (RI) Report dated December 1990.
- 1341-3. Letter from Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (August 28, 1991). Response to comments of EPA Region IV to the draft Remedial Investigation (RI) Report dated December 1990. Attached is a draft Supplemental Work Plan dated August 1991.
- 1399-4. "Response to the Comments on the Remedial Investigation, Baseline Risk Assessment and Feasibility Study; Kalama Specialty Chemicals, Inc. Study Area; Beaufort, South Carolina," Post, Buckley, Schuh & Jernigan, Inc. (September 1992).
- 1499-5. "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 1; Remedial Investigation," Post, Buckley, Schuh & Jernigan, Inc. (January 1993). Includes Limestone Aquifer Modeling report, formerly a separate Volume 7, plus revised final pages transmitted June 17, 1993.

3.10 Remedial Investigation (RI) Reports (cont'd.)

- 0001-6. "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 2; Baseline Risk Assessment," Post, Buckley, Schuh & Jernigan, Inc. (January 1993). Includes revised final pages transmitted June 17, 1993.
7. Cross-Reference: "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 7; Limestone Transport Modeling," Post, Buckley, Schuh & Jernigan, Inc., appears as part of "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 1; Remedial Investigation," filed and cited as entry number 5 in 3.10 REMEDIAL INVESTIGATION: Remedial Investigation Reports (January 1993).
- 0286-8. "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 8; Appendices H (Supplement), N, O, P, Q, R & S," Post, Buckley, Schuh & Jernigan, Inc. (January 1993). Includes revised final pages transmitted June 17, 1993.
- 0460-9. "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 3; Appendices A, B & C," Post, Buckley, Schuh & Jernigan, Inc. (May 1993).
- 0731-10. "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 4; Appendices D, E, F, G & H," Post, Buckley, Schuh & Jernigan, Inc. (May 1993).
- 1038-11. "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 5; Appendices I, J & K," Post, Buckley, Schuh & Jernigan, Inc. (May 1993).
- 1365-12. "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 6; Appendices L and M," Post, Buckley, Schuh & Jernigan, Inc. (May 1993).
- 1596-13. Letter from Steven Sandler, EPA Region IV, to L.C. Macomber, Kalama Chemical, Inc. (May 4, 1993). Concerning approval, with required revisions, of the Remedial Investigation Report, Baseline Risk Assessment, and Feasibility Study Report.
- 1611-14. Letter from Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (June 17, 1993). Transmitting revised pages to the Remedial Investigation Report, Volumes 1, 2 (Baseline Risk Assessment), and 8, and the Feasibility Study Report [not attached; revised pages supersede older pages in documents contained in this Administrative Record].

04.9

3.11 Health Assessments

- 1621- 1. "Health Assessment for Kalama Specialty Chemicals; CERCLIS No. SCD094995503; Beaufort County; Burton, South Carolina," Agency for Toxic Substances and Disease Registry (ATSDR) (July 1988).

3.12 Endangerment Assessments

1. Cross-Reference: "Remedial Investigation Report; Kalama Specialty Chemicals, Inc.; Volume 2; Baseline Risk Assessment," Post, Buckley, Schuh & Jernigan, Inc. (January 1993). Includes revised final pages transmitted June 17, 1993. [Filed and cited as entry number 6 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
2. Cross-Reference: Letter from Steven Sandler, EPA Region IV, to L.C. Macomber, Kalama Chemical, Inc. (May 4, 1993). Concerning approval, with required revisions, of the Remedial Investigation Report, Baseline Risk Assessment, and Feasibility Study Report. [Filed and cited as entry number 13 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

4.0 FEASIBILITY STUDY (FS)

4.1 Correspondence

1. Cross-Reference: Letter from Francis Lesesne and Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Andy Yasinsac, South Carolina Department of Health and Environmental Control (August 1, 1986). Transmitting summary of analytical data on groundwater quality, request for extension for the Feasibility Study and request to remove the site from the National Priorities List (NPL). [Filed and cited as entry number 7 in 3.2 REMEDIAL INVESTIGATION (RI) - Sampling and Analysis Data]
- 1636- 2. Memorandum from Raymond Knox, South Carolina Department of Health and Environmental Control, to Chris Staton, South Carolina Department of Health and Environmental Control (August 8, 1986). Concerning requirements for Feasibility Study, and request by Post, Buckley, Schuh & Jernigan, Inc. to grant an extension of time, and to delete the site from the National Priorities List (NPL).

4.0 FEASIBILITY STUDY (FS)

4.1 Correspondence (cont'd.)

- /639- 3. Letter from Thomas Roth, EPA Region IV, to Chris Staton, South Carolina Department of Health and Environmental Control (August 27, 1986). Concerning request to delete the site from the National Priorities List (NPL) or to delay the Feasibility Study.

4.9 Feasibility Study (FS) Reports

- /642- 1. "Feasibility Study Report; Kalama Specialty Chemicals, Inc.; Feasibility Study," Post, Buckley, Schuh & Jernigan, Inc. (January 1993). Includes revised final pages transmitted June 17, 1993.
2. Cross-Reference: Letter from Steven Sandler, EPA Region IV, to L.C. Macomber, Kalama Chemical, Inc. (May 4, 1993). Concerning approval, with required revisions, of the Remedial Investigation Report, Baseline Risk Assessment, and Feasibility Study Report. [Filed and cited as entry number 13 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]
3. Cross-Reference: Letter from Virginia Clark, Post, Buckley, Schuh & Jernigan, Inc., to Steven Sandler, EPA Region IV (June 17, 1993). Transmitting revised pages to the Remedial Investigation Report, Volumes 1, 2 (Baseline Risk Assessment), and 8, and the Feasibility Study Report [not attached; revised pages supersede older pages in documents contained in this Administrative Record]. [Filed and cited as entry number 14 in 3.10 REMEDIAL INVESTIGATION (RI) - Remedial Investigation (RI) Reports]

4.10 Proposed Plans for Selected Remedial Action

- VOL. 10 1961- 1. "United States Environmental Protection Agency; Region IV, Atlanta, Georgia; Superfund Proposed Plan Fact Sheet; Kalama Specialty Chemical, Inc.; Superfund Site; Beaufort, Beaufort County, South Carolina," EPA Region IV (June 1993).

4.10 Proposed Plans for Selected Remedial Action (cont'd.)

2. Cross-Reference: "Record of Decision; Kalama Specialty Chemical, Inc., Superfund Site; Beaufort, Beaufort County, South Carolina," EPA Region IV (September 29, 1993). Includes transcript of public meeting held July 1, 1993, and comments on the Proposed Plan. [Filed and cited as entry number 1 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]

5.0 RECORD OF DECISION (ROD)

5.9 Record of Decision (ROD)

- 1994- 1. "Record of Decision; Kalama Specialty Chemical, Inc., Superfund Site; Beaufort, Beaufort County, South Carolina," EPA Region IV (September 29, 1993). Includes transcript of public meeting held July 1, 1993, and comments on the Proposed Plan.

10.0 ENFORCEMENT

10.11 EPA Administrative Orders

- 2213- 1. Letter from Lee DeHihns, III, EPA Region IV, to L.C. Macomber, Kalama Chemical, Inc. (January 13, 1988). Transmitting executed Administrative Order on Consent In the Matter Of: Kalama Specialty Chemicals, Inc.; Beaufort, South Carolina; Kalama Specialty Chemicals, Inc., Respondent; U. S. EPA Docket No. 88-11-C.

11.0 POTENTIALLY RESPONSIBLE PARTIES (PRP)

11.9 PRP-Specific Correspondence

- 2231- 1. Letter from Patrick Tobin, EPA Region IV, to Jarl Opgrande, Kalama Chemical, Inc., (June 26, 1987). Notification of Potentially Responsible Party (PRP) status.
- 2235- 2. Letter from Patrick Tobin, EPA Region IV, to Raymond Carmody, ArChem Company (December 18, 1987). Notification of Potentially Responsible Party (PRP) status.
- 2241- 3. Letter from Patrick Tobin, EPA Region IV, to Art Heinel, Hy-Tex Marketing, Inc. (December 18, 1987). Notification of Potentially Responsible Party (PRP) status.

13.0 COMMUNITY RELATIONS

13.6 Community Relations Plans

- 2249- 1. "Final Report; Kalama Specialty Chemical, Inc. Site; Community Relations Plan," Booz, Allen & Hamilton Inc. for Camp, Dresser and McKee, Inc. (January 7, 1988).

13.8 Public Meetings

1. Cross-Reference: "Record of Decision; Kalama Specialty Chemical, Inc., Superfund Site; Beaufort, Beaufort County, South Carolina," EPA Region IV (September 29, 1993). Includes transcript of public meeting held July 1, 1993, and comments on the Proposed Plan. [Filed and cited as entry number 1 in 5.9 RECORD OF DECISION (ROD) - Record of Decision (ROD)]

13.9 Fact Sheets

- 2278- 1. "Fact Sheet: Remedial Investigation/Feasibility Study; Kalama Specialty Chemicals, Inc. Superfund Site; Beaufort, South Carolina," EPA Region IV (February 1988).